

IN THE CLAIMS:

Claims 1-14 (Canceled):

15. (Currently amended): A ~~separation~~ method of collecting substances characterized in that a comprising

positioning liquid containing substances ~~subjected to influence by a negative dielectrophoretic force generated by application of voltage to said electrode is positioned at in the vicinity of~~ an electrode having a vacant space therein ~~or above the vacant space or in the vicinity thereof, or is caused to flow above or below thereof,~~

subjecting said liquid containing substances to influence by a negative dielectrophoretic force generated by application of voltage to said electrode, and

~~so as to concentrate~~ collecting said substances subjected to influence by a negative dielectrophoretic force in the vicinity of said vacant space ~~or above or below position of the space.~~

16. (Currently amended): The ~~separation~~ method according to claim 15 wherein said electrode ~~composes an electrode construction with~~ is on a substrate ~~on which~~ said electrode ~~is provided and a lid is provided adjacent to said electrode in such a way as making~~ that a gap is formed between said electrode and said lid, and a said liquid containing substances subjected to influence by said negative dielectrophoretic force is

charged through provided in said gap to allow the substances to contact with or to communicate to the electrode.

17. (Currently amended): The separation method according to claim 16 wherein said substance subjected to influence by said negative dielectrophoretic force is a complex of "a substance binding to a substance to be measured", "a substance subjected to influence by a negative dielectrophoretic force", and the substance to be measured which binds to said "substance binding to a substance to be measured" a substance binding to a substance to be measured, a substance subjected to influence by a negative dielectrophoretic force, and the substance to be measured which binds to said "substance binding to a substance to be measured.

18. (Currently amended): The separation method according to claim 17 wherein said "substance subjected to influence by a negative dielectrophoretic force" is "a granular substance subjected to influence by a negative dielectrophoretic force" substance subjected to influence by a negative dielectrophoretic force is a granular substance subjected to influence by a negative dielectrophoretic force.

19. (Currently amended): A detection method of detecting substances characterized in that a comprising positioning liquid containing substances subjected to influence by a negative

~~dielectrophoretic force generated by application of voltage to said electrode is positioned at in the vicinity of an electrode having a vacant space therein or above the vacant space or in the vicinity thereof, or is caused to flow above or below thereof,~~

subjecting said liquid containing substances to influence by a negative dielectrophoretic force generated by application of voltage to said electrode,

so as to concentrate collecting said substances subjected to influence by a negative dielectrophoretic force in the vicinity of said vacant space or above or below position of the space, and then optically detecting said substance is optically detected.

20. (Currently amended): The detection method according to claim 19 wherein said substances subjected to influence by said negative dielectrophoretic force is a complex of "a substance binding to a substance to be measured", "a substance subjected to influence by a negative dielectrophoretic force" and the substance to be measured which binds to said "substance binding to a substance to be measured" a substance binding to a substance to be measured, a substance subjected to influence by a negative dielectrophoretic force and the substance to be measured which binds to said substance binding to a substance to be measured.

21. (Currently amended): The detection method according to claim 20 wherein said "substance subjected to influence by a negative dielectrophoretic force" is "a granular substance subjected to influence by a negative dielectrophoretic force" substance

subjected to influence by a negative dielectrophoretic force is a granular substance
subjected to influence by a negative dielectrophoretic force.

22. (Withdrawn): A dielectrophoretic apparatus characterized in that in a dielectrophoretic apparatus provided with an electrode on a substrate, a construction for realizing an increase of non-uniform electric field region is formed among electrodes.

23. (Withdrawn): A dielectrophoretic apparatus characterized in that in a dielectrophoretic apparatus provided with an electrode on a substrate, the places among said electrodes are made in lower level than the electrode level.

24. (Withdrawn): The dielectrophoretic apparatus according to claim 23 wherein said electrode is held by a convex construction on said substrate to make the places among said electrodes in lower level than said electrode level.

25. (Withdrawn): A method for manufacturing a dielectrophoretic apparatus characterized in that a substrate is excavated by physical or chemical means to make the places among said electrodes in lower level than said electrode level.

26. (Withdrawn): The method for manufacturing a dielectrophoretic apparatus according to claim 25 wherein said chemical means is an etching using an etching liquid for the substrate of said dielectrophoretic apparatus.

27. (Canceled):

28. (Canceled):

29. (New): A method according to claim 15, wherein the liquid containing substances is positioned above the vacant space of the electrode.

30. (New): A method according to claim 15, wherein the liquid containing substances is positioned by causing the liquid to flow about the electrode.

31. (New): A method according to claim 30, wherein the liquid containing substances is positioned by causing the liquid to flow above the electrode.

32. (New): A method according to claim 29, wherein the liquid containing substances is positioned by causing the liquid to flow below the electrode.

33. (New): A method according to claim 15, wherein the liquid containing substances is positioned above the vacant space of the electrode.

34. (New): A method according to claim 15, wherein the liquid containing substances is positioned by causing the liquid to flow about the electrode.

35. (New): A method according to claim 30, wherein the liquid containing substances is positioned by causing the liquid to flow above the electrode.

36. (New): A method according to claim 29, wherein the liquid containing substances is positioned by causing the liquid to flow below the electrode.

37. (New): A method according to claim 19, wherein the liquid containing substances is positioned above the vacant space of the electrode.

38. (New): A method according to claim 19, wherein the liquid containing substances is positioned by causing the liquid to flow about the electrode.

39. (New): A method according to claim 38, wherein the liquid containing substances is positioned by causing the liquid to flow above the electrode.

40. (New): A method according to claim 37, wherein the liquid containing substances is positioned by causing the liquid to flow below the electrode.

41. (New): A method according to claim 19, wherein the liquid containing substances is positioned above the vacant space of the electrode.

42. (New): A method according to claim 19, wherein the liquid containing substances is positioned by causing the liquid to flow about the electrode.

43. (New): A method according to claim 38, wherein the liquid containing substances is positioned by causing the liquid to flow above the electrode.

44. (New): A method according to claim 37, wherein the liquid containing substances is positioned by causing the liquid to flow below the electrode.

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IN THE DRAWINGS:

Attached please find redlined drawings Figs. 6 through 11 which have bee amended to include the legend "PRIOR ART."

Also, attached are substitute drawings for Figures 6-11 incorporating the change mentioned above.